

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS13-01		SDG No.:	Q3177	
Lab Sample ID:	Q3177-02		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF016474.D	1	09/29/25	09/29/25	PB169879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	2.07	U	2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	92.7		4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	24.4	J	8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	23.8	U	23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	49.9		40 - 140	100%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.4		40 - 140	99%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	48.2		40 - 140	96%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3177-02	Acq On:	29 Sep 2025 18:34
Client Sample ID:	EME-TS13-01	Operator:	YP\AJ
Data file:	FF016474.D	Misc:	
Instrument:	FID_F	ALS Vial:	85
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.521	6.397	238910	1.667	200	ug/ml
Aromatic C12-C16	6.398	9.101	6728348	46.343	300	ug/ml
Aromatic C16-C21	9.102	13.420	1760648	12.212	500	ug/ml
Aromatic C21-C36	13.421	18.876	1070559	8.183	800	ug/ml
Aromatic EPH	4.521	18.876	9798465	68.405		ug/ml
2-Bromonaphthalene (SURRE)	8.027	8.027	6245899	49.86		ug/ml
2-Fluorobiphenyl (SURRE)	8.903	8.903	4161823	49.35		ug/ml
ortho-Terphenyl (SURRE)	11.972	11.972	7348355	48.2		ug/ml